

CLAIMS

1. An apparatus for creating a processing program used for a numerical control device, comprising:

fixed form program storage means for storing a plurality of fixed form programs including an undefined data portion and used to create said processing program;

selection means for selecting one fixed form program from said fixed form program storage means; and

input means for inputting data to the undefined data portion included in the fixed form program selected by said selection means, wherein

the data is inputted to the undefined data portion in said fixed form program by means of said input means so as to create the processing program by using the fixed form program.

2. An apparatus for creating a processing program used for a numerical control device, comprising:

fixed form program storage means for storing a plurality of fixed form programs including an undefined data portion and used to create said processing program;

program data storage means for storing program data used in said fixed form programs;

selection means for selecting one fixed form program from said fixed form program storage means; and

input means for inputting data to the undefined data portion included in the fixed form program selected by said selection means, wherein

the program data stored in said program data storage means is read based on the data inputted to the undefined data portion included in said fixed form program by means of said input means and is replaced in another undefined data portion in the fixed form program so as to create the processing program.

3. An apparatus for creating a processing program used for a numerical control device, comprising:

fixed form program storage means for storing a plurality of fixed form programs including an undefined data portion and used to create said processing program;

formula storage means for storing a formula for determining program data used in said fixed form programs;

selection means for selecting one fixed form program from said fixed form program storage means; and

input means for inputting data to the undefined data portion included in the fixed form program selected by said selection means, wherein

the program data is determined with the formula stored by said formula storage means by using the data inputted to the undefined data portion included in said fixed form program by means of said input means, and is replaced in another undefined data portion in said fixed form program so as to create the processing program.

4. The apparatus for creating a processing program according to any one of claims 1 to 3, wherein symbols are provided within the fixed form program in order to identify the undefined data

portion included in said fixed form program as the data to
be inputted.